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METHANE ACTIVATION - A BIBLIOGRAPHY

by

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INTRODUCTION

The papers presented at this workshop represent a wide range of the activities throughout the world on the topic of methane activation. However, it is quite clear that not all the groups working on this topic were represented at the meeting: a number of people who were invited were unable to attend and others were excluded for geographical reasons. In a number of cases, groups were also excluded because we were not at the time aware that they were working in the field. One of the main benefits felt by the participants was that the contacts made would help them to avoid duplication of effort. One aspect of such duplication is the establishment of lists of the literature in this rapidly expanding field. We therefore felt that it was a worthwhile exercise to assemble together in one place a listing of the papers of which we are aware. The bibliography which follows is the result of this endeavour. This lists the papers by title, in alphabetical order of first author; time and space did not permit us to list the papers by second and third authors or by subject matter. Although we make no pretence that the listing is anywhere near complete, we hope that even in this rather rudimentary form it may prove to be of some use to those already working in the field or who are planning to start such work. The listing includes papers of which we became aware up until the time of going to press (January 1989) but no systematic search was made over the last months. It also includes papers which have peripheral interest, such as those dealing with the properties of appropriate oxide catalysts, etc. We are therefore very conscious of the fact that there will inevitably be gaps in the material covered and would be most grateful to hear of such omissions; please send these to the last-named compiling author, who will make sure that they are added to any subsequent print-out of these data.

Such a listing of information would not have been possible without the help of many people, including the coworkers, too numerous to name individually, of the compilers. (Their names are to be found as co-authors on the papers from the three different laboratories which are included in this issue.) Particular mention should be made of the invaluable contributions made by Dr. Alan R.

Sanger, of Alberta Research Council, Canada, who added a number of key references to the bibliography.

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